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CLAIMS

display and the record.

What is claimed is:

| 1 | 1. | A computer implemented method of building at least one data display comprises: |
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| 2 | | defining for each data display at least one of |
| 3 | | an information presence on the display, and |
| 4 | | an information placement on the display; |
| 5 | | defining a data-base entity having each of the user defined information placement, |
| 6 | and i | nformation presence; and |
| 7 | | generating a display template for any of the data displays depending upon the data |

- 1 2. The method defined in claim 1 wherein the defining of an information presence is 2 conditional based upon at least one of a display identification and a display mode.
- The method defined in claim 1 wherein the defining of an information placement is
 conditional based upon a style.
- 1 4. The method defined in claim 1 wherein the data-base entity includes at least one of a conditional display appearance and a conditional placement data.
- The method defined in claim 1 wherein the data-base entity further includes at least
 one display tag to be conditionally executed if a display terminal browser requesting a data

- 3 display has a capability to support the display tag; and the generating further includes
- 4 generating only each display that is supported by the display terminal browser.
- 1 6. The method defined in claim 1 further includes displaying a data display from the
- 2 display template.

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- 1 7. The method defined in claim 1 wherein the defining for each data display includes a
- 2 user doing the defining through a computer interface.
- 1 8. The method defined in claim 1 wherein the defining for each data display includes a
- 2 user doing the defining through a display interface.
- 1 9. The method defined in claim 1 wherein the defining for each data display includes a
- 2 user doing the defining through an interactive display layout.
- 1 10. The method defined in claim 1 wherein the defining an information presence
- 2 includes at least one of defining a presence for all data displays, and a logical combination of
- 3 at least one of a specific data display and not a specific data display.
- 1 11. The method defined in claim 1 wherein the defining an information placement
- 2 includes at least one of defining a placement for all data displays, and a logical combination
- 3 of at least one of a specific data display and not a specific data display.

- 1 12. The method defined in claim 1 wherein the defining an information placement
- 2 includes modifying the placement of an information on an at least one specified data display.
- 1 13. The method defined in claim 1 wherein the information display placement includes
- 2 defining a placement for at least one placement style.
- 1 14. The method defined in claim 1 wherein the defining an information appearance
- 2 includes selecting an information to appear and not appear according to at least one mode.
- 1 15. The method defined in claim 1 wherein the data-base entity includes a record for each
- 2 of at least one markup/display languages.
- 1 16. The method defined in claim 1 wherein the data-base entity includes a record that has
- 2 data that indicates the data displays that the information appears on.
- 1 17. The method defined in claim 1 wherein the data-base entity includes a pointer to a
- 2 record that has data that indicates the modes for which each of the data will appear on a data
- 3 display.
- 1 18. The method defined in claim 1 wherein the data-base entity includes a record that
- 2 indicates a position of each data for each data display.

- 1 19. The method defined in claim 1 wherein the data-base entity includes one of
- 2 markup/display language statements and position tags
- 1 20. The method defined in claim 19 wherein the data-base entity includes tags that have a
- 2 position indicator, and a record that indicates the information displayed in each position.
- 1 21. The method defined in claim 20 wherein the data-base entity further includes at least
- 2 one of
- an at least one mode for which each of the data will appear on the data display,
- 4 the data displays that each information appears on, and
- 5 a position that an information appears in a specific style.
- 1 22. A computer system of a type having a memory and a program encoded in the memory
- 2 to operate on the computer system, the program comprising:
- display appearance input instructions to input into a multi-display database an
- 4 identification of information that is each to appear on at least one of a plurality of distinct
- 5 data displays;
- display placement input instructions to input into the multi-display database a
- 7 placement data of each of the information on each data display in which the data appears;
- 8 database maintenance instructions to implement and maintain the database depending
- 9 upon the inputs from the display appearance input instructions and the display placement
- 10 input instructions; and

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- display template generation instructions to generate a display template from the
 database depending upon any of the data displays.
- 1 23. The computer system defined in claim 22 wherein the program includes:
- 2 instructions to generate an input interactive display for inputting by a user of an
- 3 identification of information to appear on the plurality of distinct data displays and a
- 4 placement of the information to appear on the data displays;
- 5 wherein the display appearance input instructions input the information to appear on
- 6 the plurality of data displays to the database, and the display placement instructions input the
- 7 placement of the information to the database.
- 1 24. The computer system defined in claim 23 wherein the interactive display is sent to a
- 2 network-coupled computer system.
- 1 25. The computer system defined in claim 22 wherein the program includes:
- a user information appearance instructions for the memory to receive from a user the
- 3 identification of information that is each to appear on the at least one data displays, and
- 4 the display appearance input instructions are to receive the identification of
- 5 information from the memory.
- 1 26. The computer system defined in claim 22 wherein the program includes:

- 2 user information placement instructions for the memory to receive from a user the
- 3 placement of each of the information of the information that is to appear on the data displays,
- 4 and
- 5 the display placement input instructions are to receive the placement data from the
- 6 memory.
- 1 27. The computer system defined in claim 22 wherein the defining of an information
- 2 placement is contingent upon a style that is user input.
- 1 28. The computer system defined in claim 22 wherein the defining of an information
- 2 appearance is contingent upon each data display that is user input.
- 1 29. The computer system defined in claim 22 wherein the defining of an information
- 2 appearance is contingent upon a display mode of each information that is user input.
- 1 30. The computer system defined in claim 22 wherein the multi-display database includes
- 2 a common template for each data display that has a contingent display capability for at least
- 3 one of the information, and a contingent placement capability for at least one of the
- 4 information.
- 1 31. The computer system defined in claim 22 wherein the database maintenance
- 2 instructions include instructions to implement and maintain the database to have contingent
- 3 appearance information and to have contingent placement information.

- 1 32. The computer system defined in claim 31 wherein the contingent appearance data
- 2 depends upon a display mode and a display identification.
- 1 33. The computer system defined in claim 31 wherein the contingent placement data
- 2 depends upon a style identification.
- 1 34. The computer system defined in claim 22 wherein the maintenance instructions
- 2 include instructions to implement and maintain more than one record, each record having
- 3 markup/display instructions in a separate language and wherein the display template
- 4 generation instructions are to generate a display template having one of the markup/display
- 5 languages according to a user generated selection.
- 1 35. The computer system defined in claim 22 wherein the database includes at least one
- 2 display tag to be conditionally executed if a display terminal browser requesting a data
- 3 display has a capability to support the display tag; and the display template generation
- 4 instructions further include instructions to generate each data display from the database based
- 5 upon the capability of a user selected browser by conditionally executing the display tag
- 6 based upon the user selected browser.
- 1 36. The computer system defined in claim 22 wherein the program further includes
- 2 instruction to send the display template to a network.

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- A machine-readable medium that provides instructions, which when executed by a 1 37. processor, cause the processor to perform operations comprising: 2 inputting into a multi-display database an identification of information that is each to 3 4 appear on at least one of a plurality of distinct data displays; inputting into the multi-display database a placement data of each of the information 5 on each display in which the data appears; 6 implementing and maintaining the information in the database depending upon the 7 inputs from the display appearance input instructions and the display placement input 8 9 instructions; and generating a display template from the database depending upon any of the data 10 displays. 11 The medium defined in claim 37 wherein the operations include: 38. 1
- generating an input interactive display for inputting by a user of an identification of 2
- information to appear on the plurality of distinct data displays and a placement of the 3
- information to appear on the data displays; 4
- wherein the display appearance input instructions input the information to appear on 5
- the plurality of data displays to the database, and the display placement instructions input the 6
- 7 placement of the information to the database.
- The medium defined in claim 38 wherein the operation include sending the 39. 1
- interactive display to a network-coupled computer system. 2

- 1 40. The medium defined in claim 37 wherein the operations include receiving from an
- 2 interface the identification of information that is each to appear on the at least one data
- 3 displays.

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- 1 41. The medium defined in claim 37 wherein the operations include receiving from an
- 2 interface the placement of each of the information of the information that is to appear on the
- 3 data displays.
- 1 42. The medium defined in claim 37 wherein the inputting a placement of data is based
- 2 upon a style that is user input.
- 1 43. The medium defined in claim 37 wherein the inputting an identification of
- 2 information that is each to appear is based upon each data display that is user input.
- 1 44. The medium defined in claim 37 wherein the inputting an identification of
- 2 information to appear is based upon a display mode of each information that is user input.
- 1 45. The medium defined in claim 37 wherein the operations include generating a
- 2 common template for each data display that has a contingent display capability for at least
- 3 one of the information, and a contingent placement capability for at least one of the
- 4 information.

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- 1 46. The medium defined in claim 37 wherein the instructions for implementing and
- 2 maintaining the database generate contingent appearance information and t contingent
- 3 placement information in the database.
- 1 47. The medium defined in claim 46 wherein the contingent appearance data is based
- 2 upon a display mode and a display identification.
- 1 48. The medium defined in claim 46 wherein the contingent placement data is based upon
- 2 a style identification.
- 1 49. The medium defined in claim 37 wherein the operation of implementing and
- 2 maintaining the database include implementing and maintaining more than one record, each
- 3 record having markup/display instructions in a separate language and wherein the display
- 4 template generation instructions are to generate a display template having one of the
- 5 markup/display languages according to a user generated selection.
- 1 50. The medium defined in claim 37 wherein the database includes at least one display
- 2 tag to be conditionally executed if a display terminal browser requesting a data display has a
- 3 capability to support the display tag; and the generating a display template operations further
- 4 include operations generating each data display from the database based upon the capability
- of a user selected browser by conditionally executing the display tag based upon the user
- 6 selected browser.

1 51. The computer system defined in claim 37 wherein the operations further include

2 sending the display template to a network-coupled computer..